CAMBRIDGE SOUNDWORKS®

A CREATIVE® Company

SoundWorks®

i755

USER MANUAL

Made for iPod

WARNING

DO NOT OPEN
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

SEE MARKING ON BOTTOM/BACK OF PRODUCT

IMPORTANT SAFETY INSTRUCTIONS

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventiliation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched, particularly at the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparautus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15) Do not expose this apparatus to drips or splashes.
16) Do not place any objects filled with liquids, such as vases, on the apparatus.
17) Do not install this apparatus in a confined space such as a book case or similar unit.
18) The apparatus draws nominal non-operating power from the AC outlet with its STANDBY/ON switch in the standby position.
19) The apparatus should be located close enough to the AC outlet so that you can easily grasp the power cord plug at any time.
20) Disconnect the product from the AC mains power by removing the product's AC power plug from the AC power outlet.

Replaceable Lithium Battery

CAUTION - Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. Batteries shall not be exposed to excessive heat such as sunshine, fire and the like.

CSW_SWI755_UM_R1.2.indd 3 10/21/2009 2:39:27 AM

CAUTION

- DO NOT REMOVE THE EXTERNAL CASES OR CABINETS TO EXPOSE THE ELECTRONICS. NO USER SERVICEABLE PARTS ARE INSIDE.
- IF YOU ARE EXPERIENCING PROBLEMS WITH THIS PRODUCT, CONTACT CAMBRIDGE SOUNDWORKS FOR A SERVICE REFERRAL. DO NOT USE THE PRODUCT UNTIL IT HAS BEEN REPAIRED.

For CANADA

AC POWER CORD CONNECTION

CAUTION:
TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

Pour le CANADA

CORDE DE CONNEXION CA

ATTENTION:
POUR EVITER LES CHOCS ELECTRICQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSET JUSQU'AU FOND.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

FCC STATEMENT FOR THE U. S. A. This equipment has been tested and found to comply with the limits of part 15 of the FCC rules. These limits are designed to provide reasonable protection agains harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the equipment and/or the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an AC outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION
Changes or modifications to this equipment not expressly approved by Cambridge SoundWorks for compliance will void the user's warranty.

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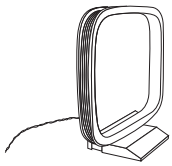
1

2



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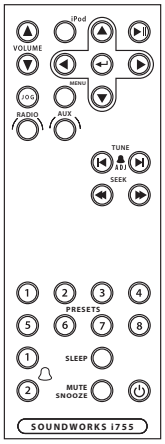

4

Contents

1) Sound Works i755
2) External AM Loop Antenna
3) Infrared Remote Control
4) AC to DC Power Supply
5) FM Wire Antenna ***(connected to i755 at back)***

Not Pictured
SoundWorks i755 User Manual

5

INTRODUCTION

The people at Cambridge SoundWorks hope you enjoy your new high-performance SoundWorks i755. In addition to bringing your iPod's music library to life, your new music system has great FM stereo sound and plays useful AM band stations. It stores 16 FM station presets along with 8 AM station presets. The large 32-character display and full-function remote makes i755 operation easy from across the room.

Additional Features
The SoundWorks i755 displays supplementary text on its large 2 X 16 character LCD panel:

- Radio Data Service (RDS) FM station text.
- Text stored within audio and video files stored on your iPod (not all iPod models support this feature).

• An automatic dimmer function reduces display brightness in dark rooms while maintaining good legibility in bright light.

• The i755 has a built-in energy storage device that maintains the current time accurately without AC power for up to five minutes.

• Front jacks allow easy connection of audio sources (like portable digital music and cassette players) or headphones for private listening.

• A convenient JOG button lets you select from a variety of adjustments (Bass and Treble, Snooze time and Text display modes, among others).

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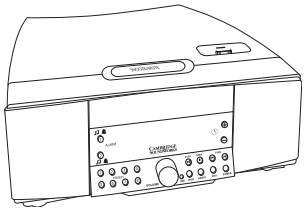
GETTING STARTED

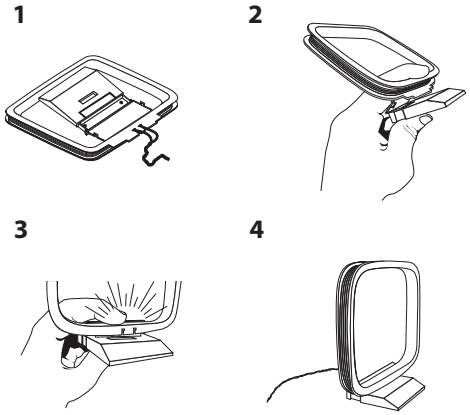
A) Remove the SoundWorks i755 from its protective polybag and place it in your preferred location. Note: The i755's bass output will be reduced if it is placed on a plush surface, like a thick carpet or rug. The Tone Alarm volume will also be reduced.

A



B) To prepare and connect the AM band antenna:
1) Locate the antenna
2) Fold the base
3) Snap the base into place
4) Position the AM antenna in an out-of-the-way site. Avoid placing it near the i755 Power Supply.

B

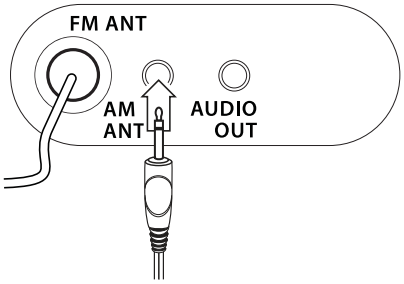


Insert the AM Antenna's miniplug into the *REAR CONNECTOR PANEL* minijack marked AM ANT.

Rotate the AM antenna to achieve the best signal for individual AM stations.

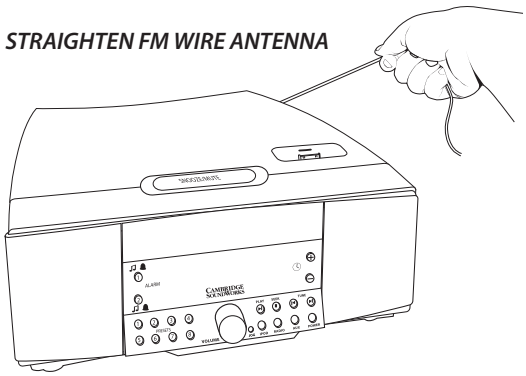
C) Straighten the wire antenna on the *REAR CONNECTOR PANEL* marked "FM ANT".

REAR CONNECTOR PANEL



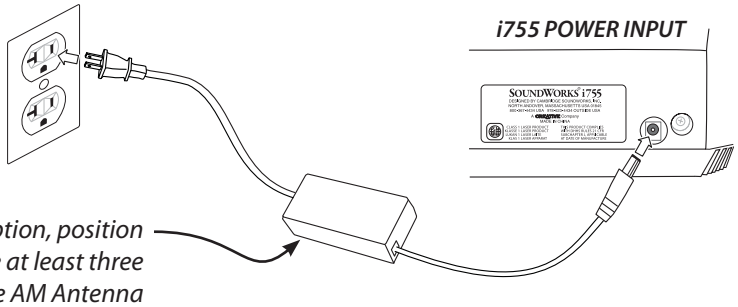
C

STRAIGHTEN FM WIRE ANTENNA



D) Connect the Power Supply by inserting the its AC plug into a convenient outlet. Then insert the Power Supply's smaller DC plug into the jack in the rear of the i755 marked DC power.

D



For best AM radio reception, position the Power Supply case at least three feet away from the AM Antenna

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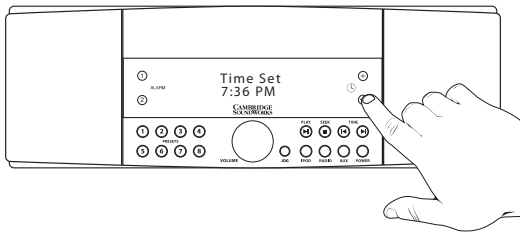
Set the Current Time

E) You can adjust the current time whether the i755 is in Standby or On. Just press the **TIME ADJUST BUTTONS** (next to the 🕓 symbol) on the right hand side of the display.

Note: The remote control can adjust the *wakeup* time setting, but not the current time.

TIME ADJUST BUTTON

E



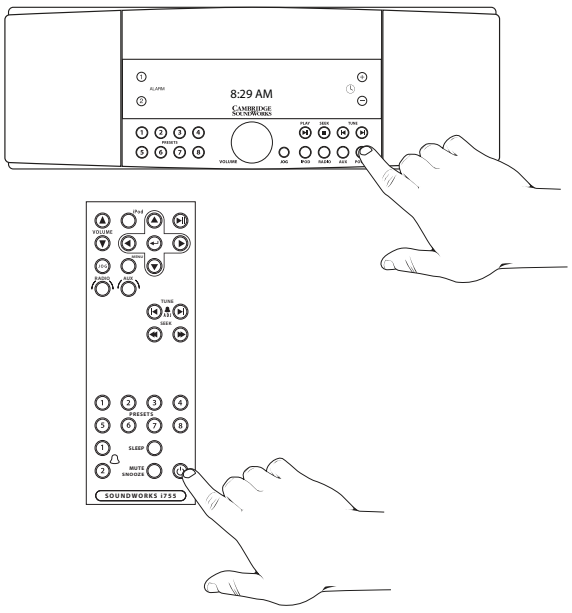
Current Time Backup Feature

The i755 features a solid state storage device that keeps the current time accurate in the event of a short interruption in AC power. The i755 will maintain clock accuracy for up to three minutes without AC power.

This feature maintains alarm function in the event of an short power outage. It also allows transfer of the radio from one site to the another without losing the current time, if you plan ahead and have convenient access to AC power at the new site.

POWER BUTTON

F



Standby and On

F) Pushing the POWER button chooses Standby or On operation.

The faceplate POWER button can also be used to engage Sleep Delay operation (see page 17).

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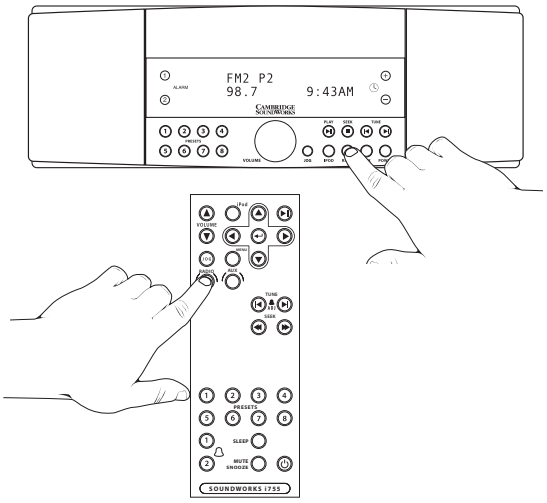
RADIO OPERATION

Selecting the Radio Bands

A) Press RADIO to select radio operation. The i755 returns to the last radio band and frequency used. Pressing the RADIO button during radio operation selects the next Radio band (FM1, FM2 or AM).

RADIO BUTTON

A

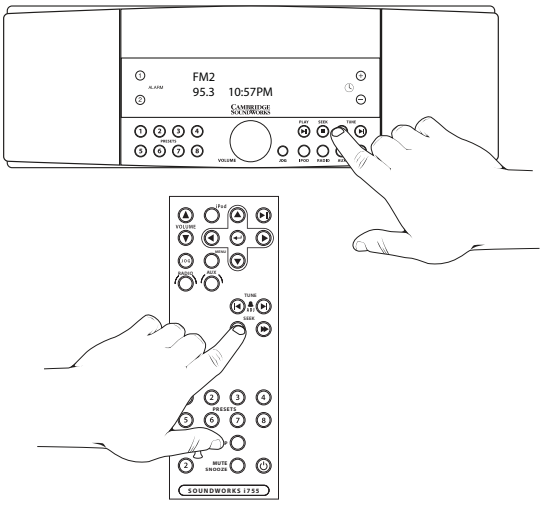


Tuning Stations

B) ***Autotune Method 1:*** Press the SEEK button (on i755 face) to automatically tune (seek) to the next station at a higher frequency.

SEEK BUTTON

B

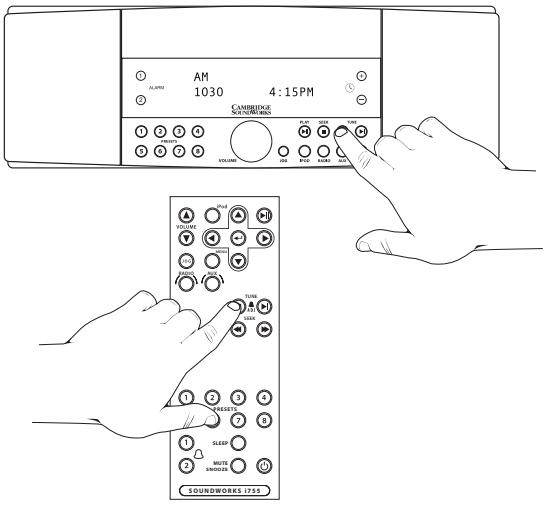


C) ***Autotune Method 2:*** Press and hold either TUNE button to seek the next station on the face of the radio or the Seek Buttons on the remote.
On the radio face the TUNE ⏮ button seeks down, and the TUNE ⏭ button seeks up. On the remote the SEEK ⏪ button seeks down, the SEEK ⏩ button seeks up.

Manual Tune: To find a specific frequency, press and hold a TUNE button (⏮ or ⏭) until you are near the desired frequency. Tap the same button to stop the seek function. Continue to tap ⏮ or ⏭ to advance one frequency increment at a time.

TUNE BUTTON

C



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Storing Stations in PRESET Banks

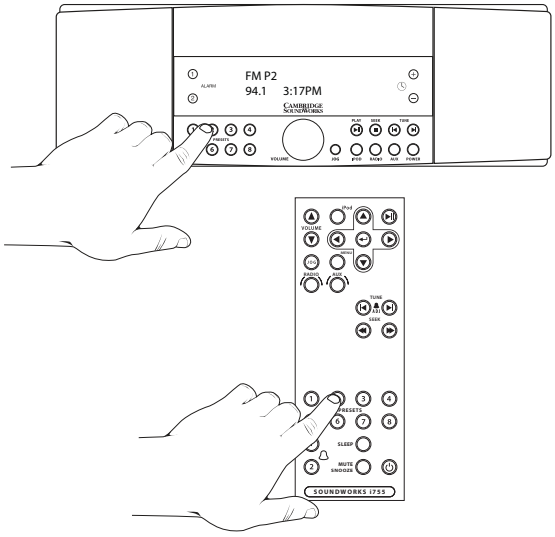
You can store eight FM stations in the PRESET bank while FM1 is selected, eight different FM stations while FM2 is selected and eight AM stations while AM is selected.

Press the RADIO button to choose the desired Preset bank (FM1, FM2, AM) radio band. Tune to the desired station. Press and hold the desired PRESET button until a short tone is heard.
The station is stored.

SPECIAL FEATURE

When an FM frequency is stored in a Preset, the current Stereo/Wide/Mono is also stored. When the Preset is tapped, the stored setting will override the JOG menu setting.
Storing a weak FM stereo station in MONO will insure cleaner reproduction under varying reception conditions.

PRESET BUTTONS



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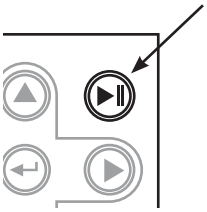
iPod DOCK

Using the iPod dock feature of the i755

1) There are a variety of molded inserts included with the SWR i755. These inserts fit various iPod models. Install the insert that best fits your iPod. Make sure the insert snaps into the recess. The top of the insert should be flush with the top of the i755.
2) Attach your iPod to the dock connector.
3) Select the iPod as a music source by pressing the iPod button (remote or faceplate).
4) Use the iPod Buttons on the remote control to control your iPod while it is docked in the i755.

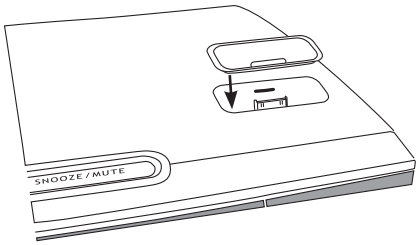
Note:
To wake a hibernating iPod, push the iPod PLAY/ PAUSE button on the i755 remote control,



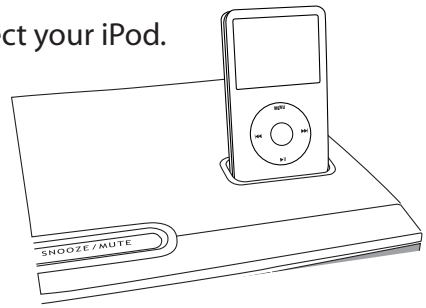
or the Play/Pause button on the iPod.

The i755 will not control a connected iPod while the i755 is in STANDBY.

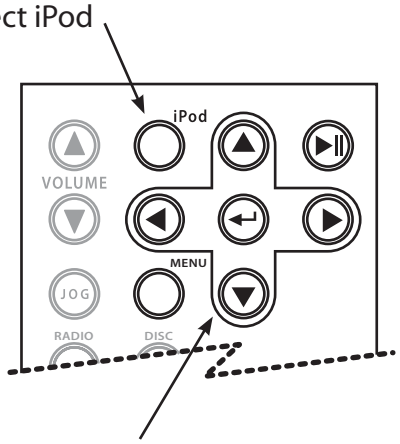
1) Install the dock insert that fits your iPod.



2) Connect your iPod.



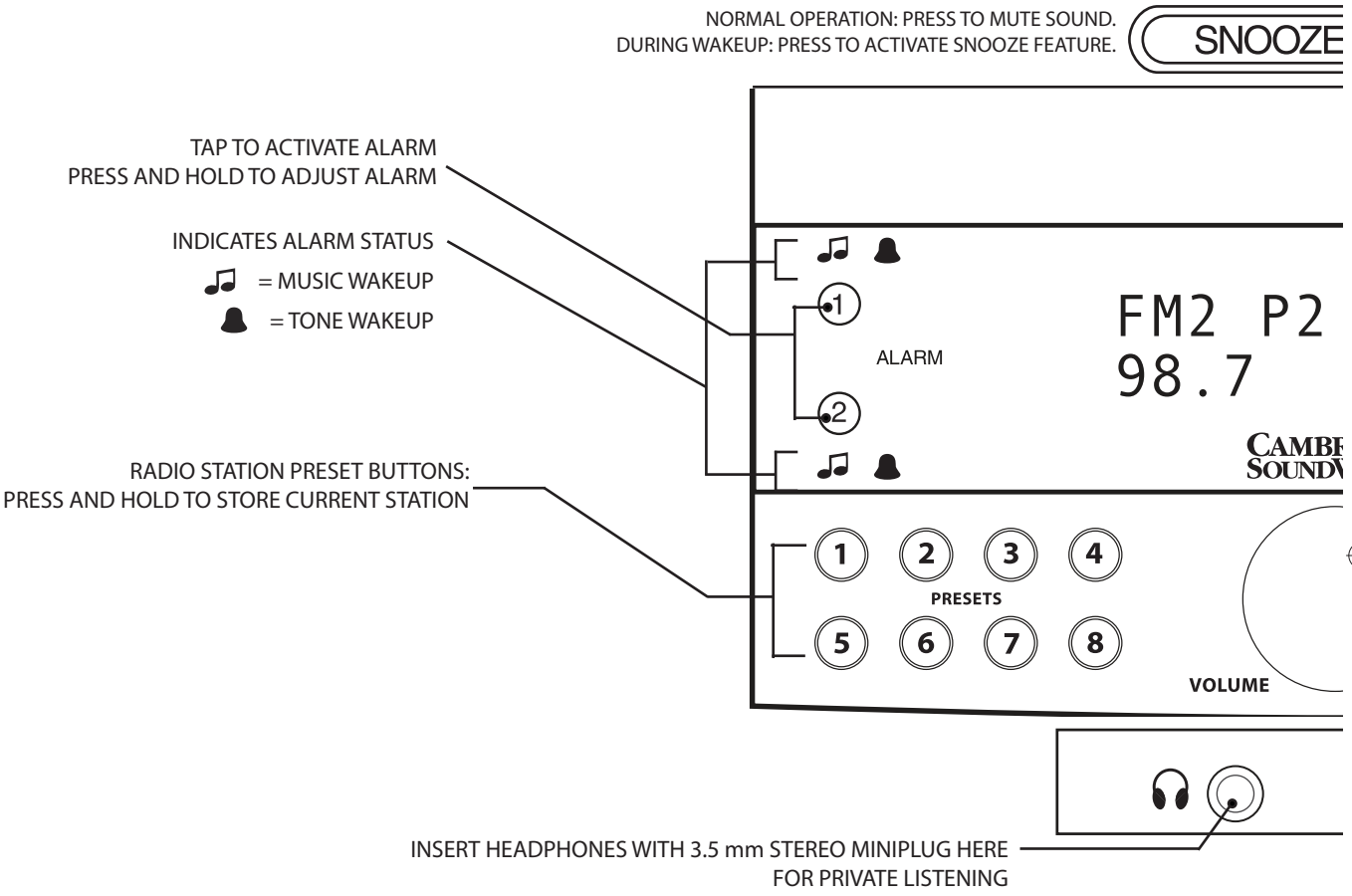
3) Select iPod



4) Use these iPod buttons to operate your iPod.

CSW_SWI755_UM_R1.2.indd 11 10/21/2009 2:39:41 AM

QUICK REFERENCE GUIDE - SOUNDWORKS i755 FACE AND TOP



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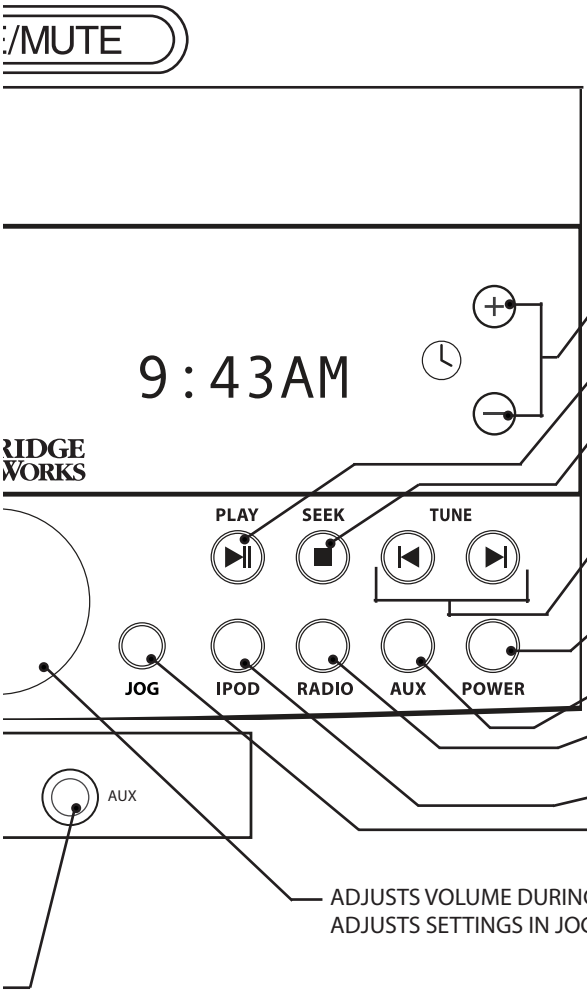

SETS CURRENT TIME IN NORMAL OPERATION
SETS WAKEUP TIME IN ALARM MODE

TAP TO START iPod PLAY, TAP AGAIN TO PAUSE iPod PLAYBACK.

TAP TO AUTOMATICALLY SEEK THE NEXT STATION
UP THE BAND.

TAP TO MANUAL TUNE,
PRESS AND HOLD TO SEEK TO NEXT STATION.

SELECTS RADIO ***ON*** OR ***OFF*** (STANDBY)
ALARMS ACTIVE IN "OFF" MODE
PRESS REPEATEDLY FOR SLEEP DELAY FUNCTION
(15 MIN TO 120 MIN)

SELECTS AUX FRONT PANEL INPUT

SELECTS RADIO
PRESS AGAIN TO SELECT BETWEEN FM1, FM 2, OR AM

SELECTS IPOD, IF DOCKED

PRESS REPEATEDLY TO VIEW MANY RADIO SETTINGS.
USE VOLUME TO ADJUST SETTINGS.
See page 18 for JOG Menu listing.

ADJUSTS VOLUME DURING NORMAL OPERATION
ADJUSTS SETTINGS IN JOG BUTTON OPERATION

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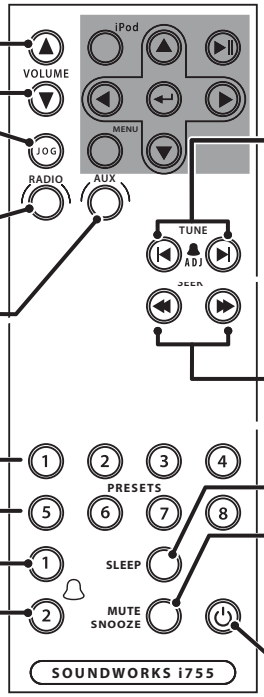
QUICK REFERENCE GUIDE - SOUNDWORKS i755 REMOTE CONTROL

ON/STANDBY/SLEEP FUNCTIONS
ALARM FUNCTIONS
RADIO FUNCTIONS



ADJUST ***VOLUME*** (NORMAL OPERATION)
ADJUST SETTING IN JOG BUTTON OPERATION

PRESS ***JOG*** REPEATEDLY TO VIEW RADIO SETTINGS
USE ***VOLUME*** TO ADJUST SETTINGS
SEE *JOG MENU ITEMS* - PAGE 24

PRESS ***RADIO*** TO SELECT RADIO AND BAND
PRESS REPEATEDLY TO CHOOSE BETWEEN
FM1, FM2, AND AM

PRESS ***AUX*** TO SELECT AUXILARY INPUT

PRESET BUTTONS:
PRESS AND HOLD TO STORE CURRENT STATION

ALARM BUTTONS:
TAP TO ACTIVATE ALARM
PRESS AND HOLD TO ADJUST ALARM

TRACK/TUNE/ADJ BUTTONS
FM: **T**AP TO MANUAL TUNE,
PRESS AND HOLD TO SEEK NEXT STATION.
ALARM ADJUSTMENT SESSION:
ADJUST WAKEUP TIME

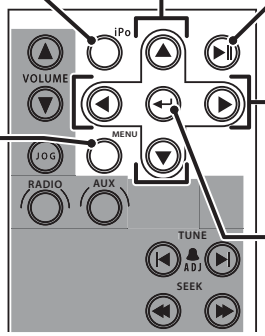
SEEK: AUTOMATICALLY SEEK THE
NEXT STATION UP/DOWN THE BAND

SLEEP: PRESS REPEATEDLY TO CHOOSE
SLEEP TIME (15 MIN TO 120 MIN)

NORMAL OPERATION:
PRESS TO ***MUTE*** SOUND
DURING WAKEUP:
PRESS FOR ***SNOOZE*** INTERVAL

SELECTS RADIO "ON" OR "OFF"
ALARM WAKEUP OPERATES IN "OFF"

iPod FUNCTIONS



PRESS ***iPod*** TO SELECT DOCKED iPod PLAYER

PRESS ***MENU*** TO SHOW THE iPod's MENU FUNCTION

PRESS THE ***UP*** AND ***DOWN*** BUTTONS (▲,▼) TO
MOVE UP AND DOWN WITHIN AN iPod MENU
THESE BUTTONS SUBSTITUTE FOR THE CLICK WHEEL ON AN iPod

PRESS THE ***PLAY/PAUSE*** BUTTON (⏯) TO TOGGLE
BETWEEN PLAY AND PAUSE

WITHIN IN A MENU, PRESS THE ***PREVIOUS*** AND ***NEXT***
BUTTONS (◀,▶) TO MOVE BETWEEN iPod MENUS.
DURING PROGRAM PLAY, PRESS TO MOVE BACK AND
FORTH ALONG THE CURRENT PLAYLIST
PRESS AND HOLD THE BUTTONS TO FAST FORWARD
OR REWIND IN A PROGRAM

PRESS THE ***CENTER*** BUTTON (⏎) TO CHOOSE MENU
ITEMS OR TO START PROGRAM PLAY

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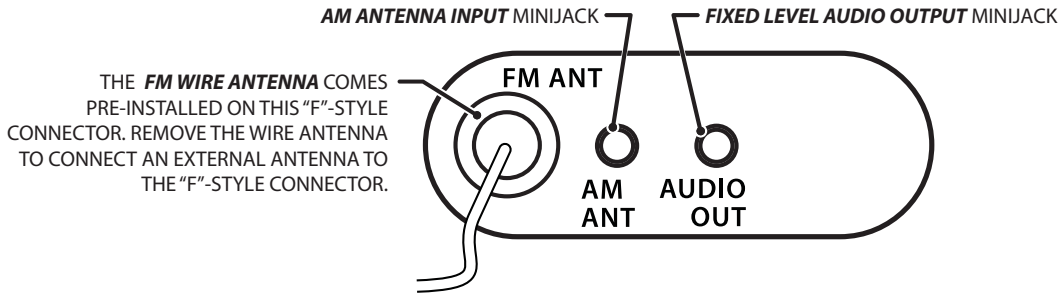
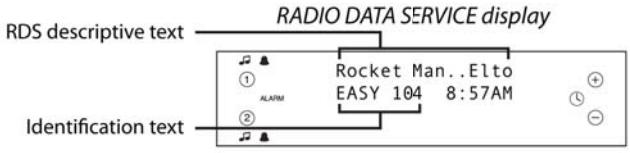
INPUT/OUTPUT CONNECTOR BAY

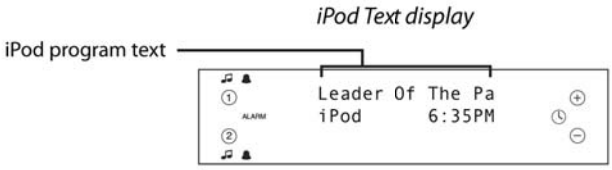


RADIO AND IPOD TEXT DISPLAYS

Radio Data Service (RDS)

Many FM radio stations broadcast Radio Data Service (RDS) text along with their programs. The i755 shows two text fields from the RDS information. ***Descriptive Text*** is displayed on the top line. This text may describe the station's format or it may show the song title and artist. ***Station Identification Text*** is displayed in the first 8 characters of the lower line. This text is supposed to be relatively constant (no scrolling, text changes only every 30 seconds). Some stations do not observe this convention.





iPod "current program" text

The i755 supports the display of text associated with an iPod's current audio or video program. Each text field (like Song Title, Album Title and Artist) is shown one at a time, in a five second cycle.
Note:
a) This feature is not available from all iPod models.
b) iPod program text does not appear on the i755 large LCD until the Apple authentication process has finished. Authentication can take between 10 seconds to over a minute to complete.

Choosing Text Displays

The JOG menu has separate RDS text and iPod text headings. Each one lets you choose between scrolling text display, static text display or no text display.

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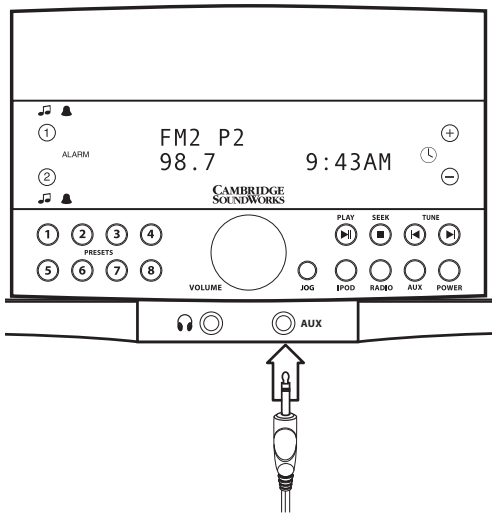
CONNECTING AN EXTERNAL AUDIO SOURCE

Listening to An External Sound Source

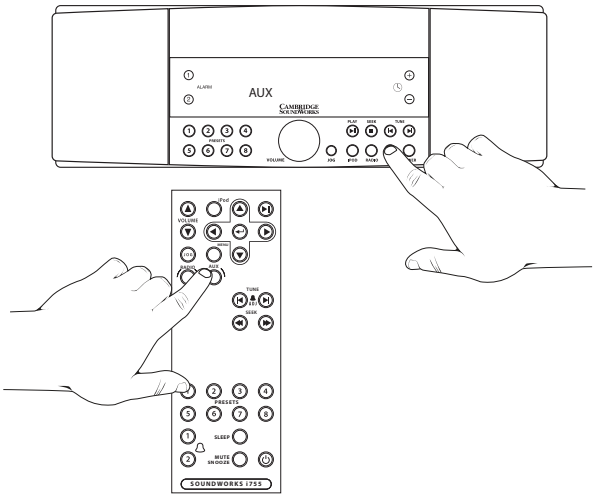
A) If you have an external audio program source (a portable MP3 player, for example), connect it to the AUX input on the front panel.

B) The AUX button on the front panel or remote control selects this input.

A



B



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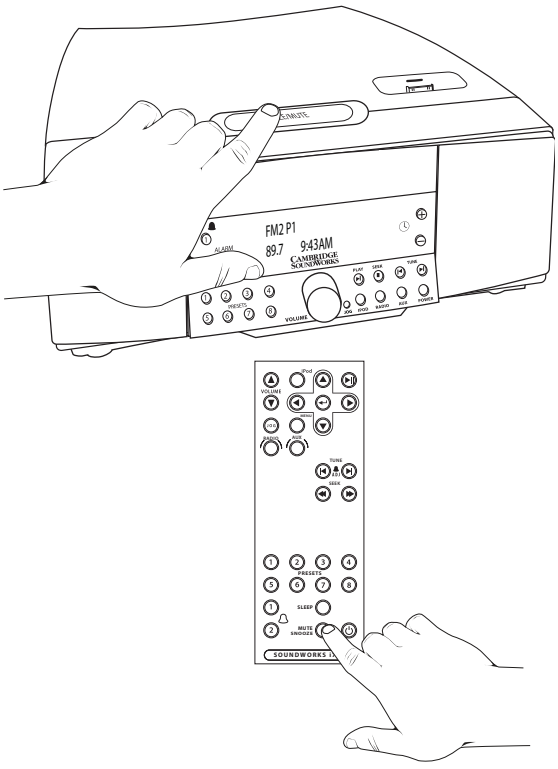
CONVENIENCE FEATURES

Mute

A) To mute the SoundWorks i755: Press the SNOOZE/MUTE bar (located on top of the i755) or the SNOOZE/MUTE button on the remote control. Mute is cancelled if the POWER button is pressed, if or the volume is adjusted.

A



Sleep Delay

B) To make the i755 automatically turn off after a specific period of time, either:

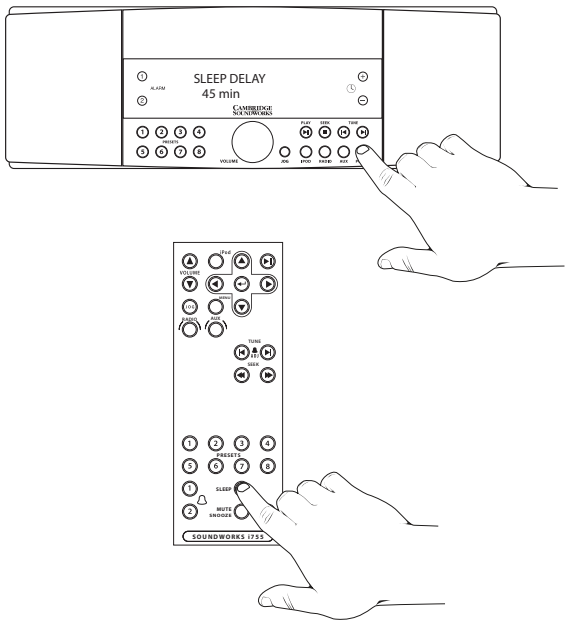
Faceplate-With the i755 "ON", rapidly tap the POWER button until the desired sleep delay interval is reached.

OR

Remote Control-Press the SLEEP button until the desired sleep delay interval is reached.

Sleep delay intervals are 15, 20, 30, 45, 60, 90 and 120 minute lengths. *Sleep delay* is cancelled if the POWER button is pressed.

B



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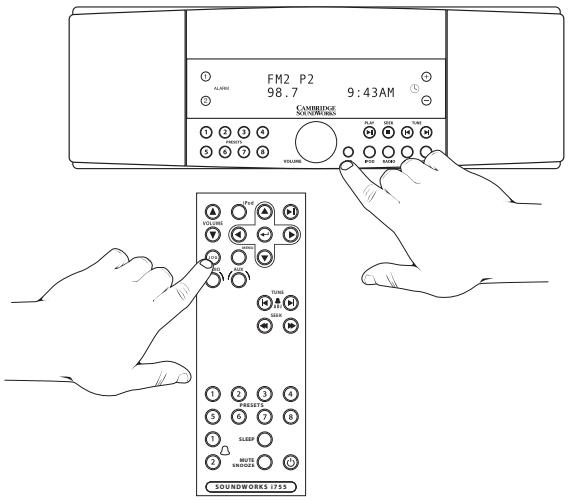
JOG FUNCTIONS

JOG button operation:

Press the **JOG** button (faceplate or remote control) to select the first JOG function. Press the JOG button again to select additional JOG functions.

Use the VOLUME knob or the VOLUME buttons on the remote control to adjust settings of JOG functions. JOG operation is cancelled five seconds after the last JOG or VOLUME adjustment. Pressing other i755 functions may cancel JOG operation.

JOG MENU START



JOG functions:

- Bass: Adjustment range is -4 to +4.
- Treble: Adjustment range is -4 to +4.
- Stereo/Wide/Mono Adjustment: STEREO is the default setting. MONO and WIDE operation is cancelled by STANDBY.
- Loudness: Loudness boosts bass output at low volume.
- Snooze Time: Adjust range is 5 minutes to 22 minutes.
- iPod Text Display: Adjustments are "SCROLLING", "STATIC", and "NO TEXT".
- RDS Text Display: Adjustments are "SCROLLING", "STATIC", and "NO TEXT".
- Time Display Mode: Choose 12 hour AM/ PM time (US standard) or 24 hour time (international standard).

JOG MENU CHOICES

BASS Adjustment display

TREBLE Adjustment display

STEREO/WIDE/MONO Adjustment display

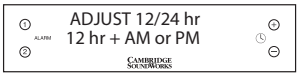
LOUDNESS Adjustment display

SNOOZE Adjustment display

iPod TEXT Adjustment display

RDS TEXT Adjustment display

Time Adjustment display



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WAKEUP FUNCTIONS

Adjusting the Wakeup Settings

During a *Wakeup Setting* adjustment session, you select the *Music Wakeup Source*, adjust the *Wakeup Time* and adjust the *Music Wakeup Volume* output. The choice of Tone (beeper) or Music Wakeup is selected later, when the Alarm is engaged.

Note: Store any radio station you wish to use as a Wakeup station in one of the 24 PRESET locations.

To enter an **ALARM ADJUSTMENT SESSION**:

- Press and hold ALARM 1 or ALARM 2 about 1.5 seconds. The i755 enters an **ALARM ADJUSTMENT SESSION**. The i755 will wait for 15 seconds for the first adjustment. After the first adjustment, you have five seconds after each additional adjustment you make.

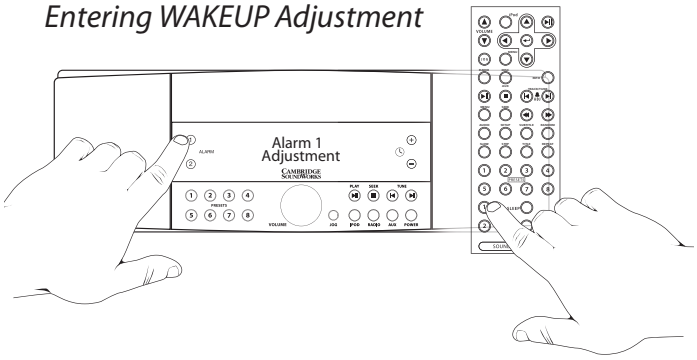
At any time during the **ALARM ADJUSTMENT SESSION,** use the ***Remote Control*** or ***Faceplate*** buttons to:

- **Choose** a Music Wakeup source-R**ADIO** (FM1, FM2 or AM band), or **iPod**.
- **Choose** a specific Wakeup Station-press its PRESET button (when a radio band is the Music Wakeup source).
- **Adjust** the Music Wakeup volume using the VOLUME control.
- **Adjust** the Wakeup Time with TIME ADJUST buttons on the front panel or the TUNE/ADJ buttons on the remote control.
- **End** the **ALARM ADJUSTMENT SESSION** at any time by pressing either ALARM button or by waiting about 10 seconds. The i755 will store your new settings.

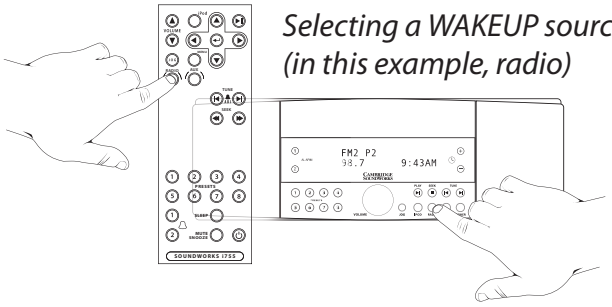
Please note:

- Your iPod determines what file is played at Wakeup Time.
- The i755 will revert to TONE wakeup if the wakeup source (iPod) is not installed in the radio at wakeup time.

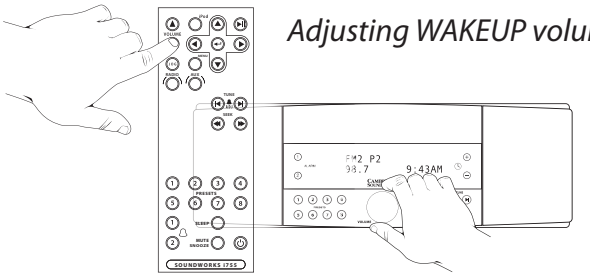
Entering WAKEUP Adjustment



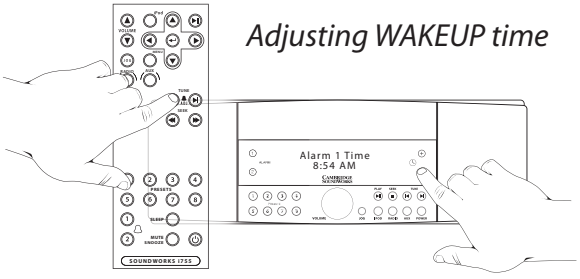
Selecting a WAKEUP source. (in this example, radio)



Adjusting WAKEUP volume



Adjusting WAKEUP time



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WAKEUP FUNCTIONS (Continued)

Activating Alarm Operation:

In either STANDBY or NORMAL operation, tap either ALARM button to cycle between:

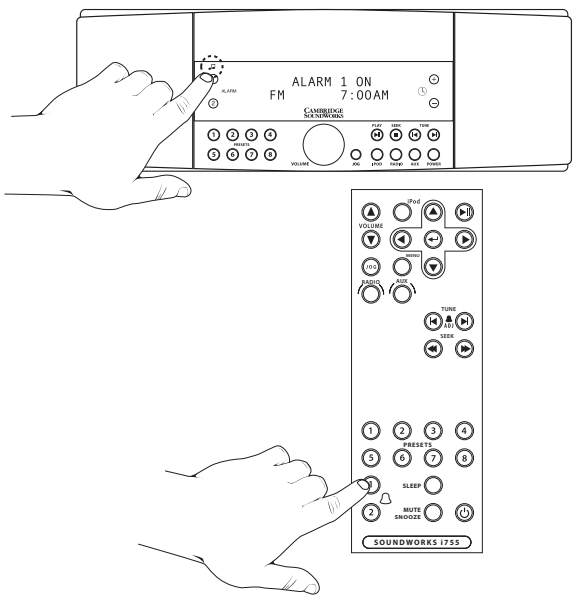
- Music Wakeup (see **1**)
- Tone Wakeup (see **2**)
- No Wakeup

A Music Wakeup indicator (♫) or a Tone Wakeup indicator (🔔) lights to show activation.

Music Wakeup only functions if the i755 remains in standby mode.

Tone Wakeup occurs during either STANDBY or NORMAL operation. You can use Tone Wakeup as a reminder function during the day while using the i755 normally.

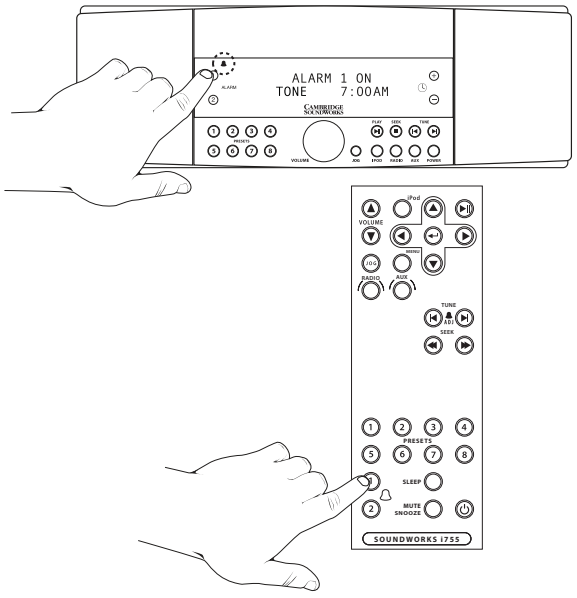
1



Deactivating Alarm Operation:

In either STANDBY or NORMAL operation, tap either ALARM button until "NO WAKEUP" appears on the i755 display.

2



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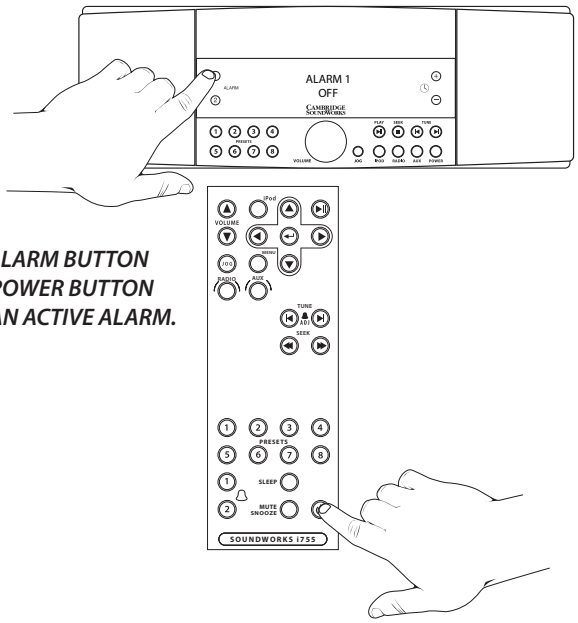
3



EITHER ALARM BUTTON OR THE POWER BUTTON RESETS AN ACTIVE ALARM.

Silencing a Wakeup

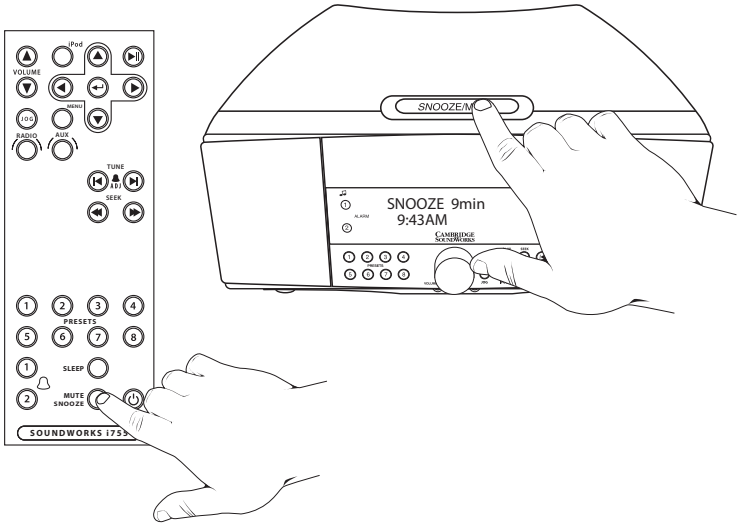
To cancel and reset an active Wakeup alarm, tap the POWER button or *either* Alarm button (see **3**). The Alarm will remain engaged and trigger the next day.

Snooze Function

Tapping the SNOOZE/MUTE bar on the i755, or the SNOOZE/MUTE button (see **4**) on the remote will silence a Wakeup alarm for a pre-determined period of time (5 to 22 minutes).

Adjust the SNOOZE delay interval by pressing the JOG button until ADJUST SNOOZE is displayed on the upper line of the display. Use VOLUME to select the desired SNOOZE time. Five seconds after your last adjustment, the JOG menu will store your selection and the radio will return to its previous state (STANDBY or ON).

4



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SPECIFICATIONS

Internal audio sources:

FM stereo tuner with display of Radio Data Service text from supporting FM stations.

AM tuner

Inputs:

One Front panel Auxiliary audio input (3.5 mm stereo minijack)
One Apple iPod Dock on the top panel
One Rear panel AM Antenna 3.5 mm minijack
One Rear panel FM Antenna "F"-type jack.
One Rear panel DC Power input jack.

Outputs:

One Front panel Headphone output (3.5 mm stereo minijack)
One Rear panel Audio Signal output (3.5 mm stereo minijack)
One Rear panel hybrid S-video/Composite video jack.

Dimensions:

Height:	5 in	125 mm
Width:	14 in	356 mm
Depth:	10 in	248 mm
Depth (with knob and AC cord):	11 in	258 mm
Weight:	12 lbs	5.5 kg

Power Consumption, maximum:
50 watts at 14 VDC

Electrical Rating:
Unit rated power input: DC 14V⎓, 4000 mA
For use with supplied adapter

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Cambridge SoundWorks
120 Water Street
North Andover, MA USA 01845

Rev. 1.2, 21 October. 2009
P81-2500